

Mr. Warren Ewalt, Environmental Engineer
Caterpillar, Inc.
3701 State Road 26 East
Lafayette, IN 47905

Re: Temporary Operation
TO No. 157-12098-00044

Dear Mr. Ewalt:

On March 22, 2000, Caterpillar, Inc., Lafayette, Indiana, submitted a letter informing the Office of Air Management (OAM) of the intention to perform a temporary operation consisting of the installation of six (6) diesel powered generator sets to provide back-up power generation capacity to be located at 3701 State Road 26 East, Lafayette, Indiana.

Temporary Operation General Information

Unit:	six (6) trailer mounted generator sets, each rated at 1600KW with a maximum fuel rate of 133.4 gallons of No. 2 diesel fuel per hour (0.5% sulfur content)
Location of Operation:	Lafayette, Indiana
County:	Tippecanoe
County Status:	Attainment
Purpose of Operation:	back-up power generation
Starting Date of Operation:	construction to commence no sooner than June 1, 2000, operation to commence no sooner than July 1, 2000 and operations to cease no later than August 31, 2000
Duration of Operation:	actual days of operation shall not exceed thirty (30) days within the time frame of July 1, 2000 through August 31, 2000

Applicable Requirements

Pursuant to 326 IAC 2-1.1-3(g)(3), the above mentioned temporary operation shall satisfy the following requirements:

1. The potential emissions from the temporary operation shall be less than 25 tons per year for the duration of the operations.
[326 IAC 2-1.1-3(g)(3)(A)]
2. The operation shall not be a major source or modification as defined under 326 IAC 2-2 or 326 IAC 2-7.
[326 IAC 2-1.1-3(g)(3)(B)]
3. The purpose of the operation is to:
 - (a) collect data for experimental purposes, including, but not limited to, process improvements, new product development, and pollution prevention. [326 IAC 2-1.1-3(g)(3)(C)(i)]
 - (b) temporarily conduct an operation not considered as part of the normal operation or production of the source.
[326 IAC 2-1.1-3(g)(3)(C)(ii)]
4. The experimental trial should not be part of the existing normal operation or production of the source.
[326 IAC 2-1.1-3(g)(3)(C)(ii)]

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5. The duration of the temporary operations shall not exceed thirty (30) days of actual operation.[326 IAC 2-1.1-3(g)(3)(D)]
6. The source shall submit a report containing the following information, seven (7) days after the conclusion of the temporary operation:[326 IAC 2-1.1-3(g)(3)(G)]
 - (a) The actual dates of the construction and operation.
 - (b) the duration of the operation
 - (c) The actual emissions occurring during the operation.

The report shall be submitted to:
Indiana Department of Environmental Management
Office of Air Management, Permit Branch
P.O. Box 6015
Indianapolis, Indiana 46206-6015

Temporary Trial Expiration Date

This approval expires after thirty (30) days of actual operating time of the temporary operation or August 31, 2000 whichever comes first.

If you have any questions regarding this approval, please contact Mr. Mack E. Sims of staff at 317-233-0867 or at 1-800-451-6027, ext 3-0867.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

sims

Enclosure: Temporary Trial Operation Report (1 page)

cc: File - Tippecanoe County
Tippecanoe County Health Department
Air Compliance Inspector - Eric Courtright
Compliance Data section - Karen Nowak
Permit Tracking - Janet Mobley
Title V Permit - T 157-7594-00044

**Indiana Department of Environmental Management
Office of Air Management
Permit Branch**

Experimental Trial Operation Report

Source Name: Caterpillar, Inc.
Source Location: Lafayette, Indiana
County: Tippecanoe
TO No.: 157-12098-00044
Approval Reviewer: Mack E. Sims

Milestone Schedule	
Type of unit/operation:	six (6) trailer mounted diesel powered generator sets
Actual starting date of the construction:	
Actual ending date of the construction:	
Actual starting date of the operation:	
Actual ending date of the operation:	
Actual number of days of the operation:	
Calculated emissions during the duration of the operation:	
Additional Comments:	

I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature:

Printed Name: Warren Ewalt

Title/Position: Environmental Engineer

Date:

cc: Air Compliance Section - Eric Courtright